

In the Claims:

This listing of claims will replace all prior versions, and listings, of claims in this application:

1. (currently amended) A locking mechanism comprising:

a lock shell including a cylinder cavity defined by an inner wall, said inner wall defining at least one sidewall cavity and a tumbler cavity;

a removable lock cylinder having a keyway therein and rotateably disposed within said cylinder cavity;

a plurality of tumblers contained within said lock cylinder and selectively movable in a first direction to extend into engage said tumbler cavity; and

one or more sidebar members disposed on said lock cylinder and selectively moveable in a second direction which is generally perpendicular to said first direction to form a sidebar member first position and a sidebar member second position;

said at least one sidewall cavity having at least one projection, wherein said one or more sidebar members engages said at least one projection when rotated in said first position and disengages from said at least one projection when in said second position, wherein engagement between said one or more sidebar members and said at least one projection in said first position prevents engagement of said plurality of tumblers with and said tumbler cavity.

2. (previously presented) The locking mechanism of claim 1, wherein said lock cylinder can be removed from said shell only when said one or more sidebar members disengage said at least one projection and said plurality of tumblers disengage said tumbler cavity.

3. (original) The locking mechanism of claim 1 further comprising a shell locking tumbler.

4. (currently amended) A lock including a locking mechanism comprising:

a lock shell including a cylinder cavity defined by an inner wall, said inner wall defining at least one sidewall cavity and a tumbler cavity;

a removable lock cylinder having a keyway therein and rotateably disposed within said cylinder cavity;

a plurality of tumblers contained within said lock cylinder and selectively movable in a first direction to extend into engage said tumbler cavity; and

one or more sidebar members disposed on said lock cylinder and selectively moveable in a second direction which is generally perpendicular to said first direction to form a sidebar member first position and a sidebar member members second position;

one or more springs engaged with said one or more sidebar members, said one or more springs arranged to force said one or more sidebar member toward at least one of said plurality of said tumblers;

said at least one sidewall cavity having at least one projection, wherein said one or more sidebar members engages said at least one projection when rotated in said first position and disengages from said at least one projection when in said second position, wherein engagement between said one or more sidebar members and said at least one projection in said first position prevents engagement of said plurality of tumblers with and said tumbler cavity.

5. (previously presented) The lock of claim 4, wherein said lock cylinder can be removed from said shell only when said one or more sidebar members disengage said at least one projection and said plurality of tumblers disengage said tumbler cavity.

6. (original) The lock of claim 4 further comprising a shell locking tumbler.

7. (original) The lock of claim 4, wherein said plurality of tumblers includes at least four tumblers.

8. (previously presented) The lock of claim 4, wherein said one or more sidebar members are spring-biased into said second position.

9. (currently amended) A lock comprising:

a lock shell including a cylinder cavity, said cylinder cavity defining at least one sidewall

cavity and a tumbler cavity, said at least one sidewall cavity having a set of projections; a first removable lock cylinder that can rotate between a locked position and an unlocked position; a plurality of tumblers that selectively extend into engage said tumbler cavity; and one or more sidebar members that are selectively engageable with said set of projections to allow the lock cylinder to be removed from the lock shell only when said one or more sidebar members are disengaged from said at least one sidewall cavity and said plurality of tumblers are disengaged from said tumbler cavity.

10. (previously presented) The lock of claim 9, wherein said first lock cylinder can rotate a first number of degrees to move between said locked and unlocked positions.

11-13. (cancelled)

14. (currently amended) The lock of claim 9, wherein said one or more sidebar members are spring-biased away from said at least one sidewall side-wall cavity.

15. (previously presented) The lock of claim 9 further comprising one or more springs engaged with at least one of said one or more sidebar members, said one or more springs arranged to force at least one of said one or more sidebar members toward said tumblers.

16. (previously presented) The lock of claim 9 further comprising a shell locking tumbler.

17. (cancelled)

18. (previously presented) The lock of claim 9 wherein engagement between said one or more sidebar members and said set of projections prohibits rotation of said lock cylinder.

19. (previously presented) The lock of claim 9 wherein engagement between said one or more sidebar members and said set of projections prevents said removable lock cylinder from being removed from said lock shell.

20. (cancelled)

21. (cancelled)

22. (previously presented) The lock of claim 4 wherein engagement between said one or more sidebar members and said at least one projection prohibits rotation of said lock cylinder.

23. (cancelled)

24. (previously presented) The locking mechanism of claim 1 further comprising a tumbler spring and a sidebar spring, wherein tumbler spring is stronger than said sidebar spring.

25. (currently amended) The lock of claim 4 further comprising a tumbler spring, wherein said tumbler spring is stronger than said one or more sidebar springs sidebar spring.

26. (currently amended) The lock of claim 9 further comprising a tumbler spring and a sidebar spring, wherein said tumbler spring is stronger than said sidebar spring.

27. (currently amended) The locking mechanism of claim 1 wherein a tolerance between said one or more sidebar members sidebar and said lock shell is less than a tolerance between said plurality of tumblers and said lock shell.

28. (currently amended) The lock of claim 4 wherein a tolerance between said one or more sidebar members sidebar and said lock shell is less than a tolerance between said plurality of tumblers and said lock shell.

29. (currently amended) The lock of claim 9 wherein a tolerance between said one or more sidebar members sidebars and said lock shell is less than a tolerance between said plurality of tumblers and said lock shell.